

PATENT ABSTRACTS OF JAPAN

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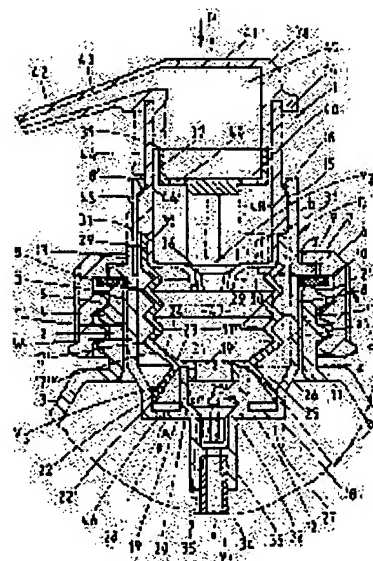
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(54) DISTRIBUTION PUMP FOR BOTTLE OR THE LIKE

(57)Abstract:

PURPOSE: To make a constitution and placement of bellows advantageous and optimum by including a suction bellows and two valves wherein a tab including a leg support ring forms approximately the right angle to a gathered leg and a half angle is oriented approximately horizontally.

CONSTITUTION: When pressing force is applied in a direction of an arrow P, suction bellows B are compressed, and overpressure caused in a pump chamber 47 closes a valve V1 on a supply side. A medium in the pump chamber 47 is compressed, flows out through a valve V2 on a flow side which suddenly opens when a predetermined pressure threshold is reached, reaches an inner chamber 48 and a head 49, and flows out of an ejection port 42. When a cover portion 38 is released, the suction bellows B return to a basic position, a caused negative pressure raises the valve V1 on the supply side from a valve seat face, the pump chamber 47 is again filled with a substance through a rise tube 34, and the valve V2 is held at a closed position. A tab 22 forms the right angle α opened outward together with a gathered leg 24, and a half angle portion z-z is oriented approximately horizontally. Thus an inner diameter of an upper part 14 of the pump can be used optimally and widely.



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